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| L1 | 1 | (referenc\$3 and image and food and product\$3 and size and acceptabl\$4 and deviat\$3 and compar\$3 and optimiz\$3 and component\$3 and red and green and blue and contrast\$3 and function and select\$4 and sampl\$3 and indicative and similar\$3 and shap\$3). CLM. | US-PGPU B | AND | ON | 2006/10/11 14:56 |

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| L1 | 1 | (referenc\$3 and image and food and product\$3 and size and acceptabl\$4 and deviat\$3 and compar\$3 and optimiz\$3 and component\$3 and red and green and blue and contrast\$3 and function and select\$4 and sampl\$3 and indicative and similar\$3 and shap\$3). CLM. | US-PGPU B | AND | ON | 2006/10/11 14:57 |
| L2 | 15580 | ((382/110) or (426/11,34, 42,119,235,237,244, 128-133,143,499,623,635, 389,395) or (99/416,448, 452,467,477,479,482,483, 485,487)).CCLS. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/10/11 14:59 |
| L3 | 133 | 2 and referenc\$3 same imag\$3 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:01 |
| L4 | 42 | 3 and contrast\$4 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:02 |

| L5 | 14 | 4 and optimiz\$4 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:02 |
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| L6 | 4 | 5 and food same product\$4 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:01 |
| L7 | 189749 | food same product\$4 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:01 |
| L8 | 1951 | 7 and referenc\$3 same imag\$3 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:01 |

| L9 | 285 | 8 and contrast\$4 same data | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:03 |
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| L10 | 213 | 9 and optimiz\$4 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:02 |
| L11 | 60 | 10 and sampl\$3 near4 image | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:02 |
| L12 | 34 | 11 and contrast\$4 same image | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:03 |

10/11/06 3:07:13 PM

| L13 | 25 | 12 and threshold\$4 same level | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:03 |
|-----|----|--------------------------------|--|----|----|---------------------|
| L14 | 25 | 13 and compar\$3 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:04 |
| L16 | 3 | 14 and red and green and blue | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:06 |
| L17 | 25 | 14 and component | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:06 |

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| L18 | 15 | 17 and sampl\$4 near3 size | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:06 |
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| L19 | 2 | 18 and deviation\$3 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 15:07 |

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| L1 | 180294 | (382/110).CCLS. or (("426") or ("99")).CLAS. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/10/11 09:05 |
| L2 | 758 | 1 and referenc\$3 near3 featur\$3 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:21 |
| L3 | 12 | 2 and referenc\$3 near3 data | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:21 |
| L4 | 5 | 3 and imag\$3 near3 data | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:20 |

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| L5 | 89990 | referenc\$3 near3 featur\$3 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:10 |
| L6 | 5950 | 5 and imag\$3 near3 data | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:11 |
| L7 | 1868 | 6 and referenc\$3 near3 data | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:11 |
| L8 | 449 | 5 and contrast\$3 near3 data | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:20 |

| L9 | 2 | 1 and 8 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:12 |
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| L10 | 13 | 8 and ((cluster\$3 or group\$4 or bunch\$3) same (contrast\$3 near3 data)) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:18 |
| L11 | 774 | ((cluster\$3 or group\$4 or bunch\$3) same (contrast\$3 near3 data)) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:18 |
| L12 | 108 | 11 and ((cluster\$3 or group\$4 or bunch\$3) same (algorithm\$4)) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:18 |

| L13 | 2 | 1 and 12 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:20 |
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| L14 | 2 | ("20040146615").PN. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/10/11 09:20 |
| L15 | 1 | 14 and contrast\$3 near3 data | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:20 |
| L16 | 1 | 15 and imag\$3 near3 data | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:21 |

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| L17 | 1 | 16 and referenc\$3 near3 data | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:21 |
| L18 | 0 | 17 and referenc\$3 near3 featur\$3 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:21 |
| L19 | 1 | 17 and referenc\$3 near3 imag\$3 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:23 |
| L20 | 1 | 19 and extract\$4 near3 imag\$3 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:24 |

| L21 | 1 | 20 and acquir\$4 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:24 |
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| L22 | 1 | 21 and function\$3 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/10/11 09:25 |



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| IEE CNF | IEE Conference Proceeding | Davidson, V.; Chu, T.; Ryks, J.; Fuzzy Information Processing Society, 1999, NAFIPS, 18th Internal | ional Confe | | | | |
| IEEE STD | IEEE Standard | North American 10-12 June 1999 Page(s):909 - 913 Digital Object Identifier 10.1109/NAFIPS.1999.781826 | | | | | |
| | | AbstractPlus Full Text: PDF(288 KB) IEEE CNF Rights and Permissions | | | | | |
| | | 2. Robotics in food manufacturing Khodabandehloo, K.; Advanced Intelligent Mechatronics '97., IEEE/ASME International C 16-20 June 1997 Page(s):10 Digital Object Identifier 10.1109/AIM.1997.652868 | onference o | | | | |
| | | AbstractPlus Full Text: PDF(48 KB) 1888 CNF Rights and Permissions | | | | | |
| | | 3. Colour bake inspection system using hybrid artificial neural ne Yeh, J.C.H.; Hamey, L.G.C.; Westcott, T.; Sung, S.K.Y.; Neural Networks, 1995. Proceedings., IEEE International Conference Volume 1, 27 Nov1 Dec. 1995 Page(s):37 - 42 vol.1 Digital Object Identifier 10.1109/ICNN.1995.487873 | | | | | |
| | | AbstractPlus Full Text: PDF(576 KB) IEEE CNF Rights and Permissions | | | | | |
| | | 4. Fuzzy inference system to inspect coating in canmaking indust Marino, P.; Pastoriza, V.; Santamaria, M.; Martinez, E.; Industrial Technology, 2004. IEEE ICIT '04, 2004 IEEE International Volume 3, 8-10 Dec. 2004 Page(s):1144 - 1149 Vol. 3 Digital Object Identifier 10.1109/ICIT.2004.1490721 | | | | | |

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Sakai, Y.; Kitazawa, M.; Nakamura, M.;
Fuzzy Systems. 1995. International Joint Conference of the Fourth IEEE Intern
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| | 5148815 | | | | |
| 07672827 | 2148815 | 130 | | SPINAL RESTRAINT DEVICE | BRITTON, DOUGLAS |
| 11391800 | Not Issued | 20 | 03/29/2006 | | BRITTON, DOUGLAS |
| 60315680 | Not Issued | 159 | 08/29/2001 | Method for the detection of defects in natural products using digital imaging through the generation of reference artifacts | BRITTON, DOUGLAS |
| <u>60440191</u> | Not Issued | 160 | 01/15/2003 | Method for natural and manufactured produce inspection using local contrast | BRITTON, DOUGLAS |
| 60601875 | Not Issued | 159 | 08/16/2004 | Industrial over-line imaging system | BRITTON, DOUGLAS |
| 60666049 | Not Issued | 159 | | System for the inspection of overwrap package tray by utilizing modified wrapping film | BRITTON, DOUGLAS |
| 11204138 | Not Issued | 20 | | Industrial overline imaging system and method | BRITTON, DOUGLAS F. |
| 60452353 | Not | 159 | 03/06/2003 | Method for 3D surface | BRITTON, |

| | Issued | | reconstruction and analysis and defect detection of reflective surfaces using reflected patterns and image analysis | DOUGLAS F. |
|----------|---------------|-----|---|-----------------------------|
| 60590640 | Not Issued | 159 | Method for 3D surface reconstruction and analysis and defect detection of reflective surfaces using reflected patterns and image analysis | BRITTON, DOUGLAS F. |
| 60836083 | Not Issued | 20 | Automated raised pavement marker placement machine | BRITTON, DOUGLAS F. |
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